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ABSTRACT

Twelve articles published between 1982 and 1984 and cited in "Current Index to Journals in Education" are listed in this bibliography on public service applications of microcomputers in libraries. Topics include provision of free public access to microcomputers (justification, objectives, equipment specifications, uses and software, staff training, policies and procedures in program implementation, and users); a survey of 100 U.S. public libraries which was conducted to gather information on microcomputers for public use; hardware, software, finances, personnel, and planning considerations; online searching with a microcomputer; introducing microcomputers to library users; microcomputer-based systems for library service applications (interlibrary loan, circulation, reference services, and overdue notices); and electronic library and home information delivery system highlights. In addition to bibliographical information and the annotations, ERIC accession numbers are also provided. (THC)

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MICROCOMPUTERS IN LIBRARIES: PUBLIC SERVICES

A Selected ERIC Bibliography

Citations in this bibliography were selected from the Educational Resources Information Center (ERIC) indexes Current Index to Journals in Education (CIJE).

Boehmer, M. Clare. Computerizing on a shoestring. Catholic Library World, November 1982, 54(4), 162-165. (Available UMI: EJ 272 988)

Focuses on the computerization of the Gibault High School library in Waterloo, Illinois, discussing the development of microcomputer programs to expand services in the area of library skills instruction and search strategy methods. Hardware, software, finances, personnel, and planning considerations are noted.

Casbon, Susan. Online searching with a microcomputer--getting started. Online, November 1983, 7(6), 42-46. (Available UMI: EJ 288 536)

Based on online searching experiences on microcomputer at a small liberal arts college, this article outlines for the novice advantages and disadvantages of micro-searching, legal implications, future trends, and factors to consider in selecting hardware and software. A 16-item bibliography arranged in order of usefulness and 10 references are included.

Dimick, Barbara. The microcomputer in the public library: A children's room experience. Top of the News, Spring 1983, 39(3), 253-259. (Available UMI: EJ 281 412)

Introduction of an Apple II Plus microcomputer in the Children's Room of the Madison (Wisconsin) Public Library is described and analyzed, noting project goals, computer software, copyright issue, logistics, microcomputer users, and internal use. Lists of computer software and recent books for children about computers and computing are appended.

Edmonds, Leslie. Taming technology: Planning for patron use of microcomputers in the public library. Top of the News, Spring 1983, 39(3), 247-251. (Available UMI: EJ 281 411)

Describes introduction of microcomputer services at the Rolling Meadows (Illinois) Public Library, noting funding, purchase of an Apple microcomputer, placement of the terminal, software, staff development, and patron workshops. Rules for computer use and Apple computer worksheet (logging on, useful tips, logging off, and activities) are included.

Ensor, Pat; Curtis, Richard A. Search Helper: Low-cost online searching in an academic library. RQ, Spring 1984, 23(3), 327-331. (Available UMI: EJ 298 469)

Description of use of Search Helper--a newly developed, user-friendly software package designed to enable a microcomputer to be used in searching Information Access Company databases on Dialog bibliographic retrieval service--at California State University--Long Beach (CSULB). Highlights six databases available, necessary hardware, and reference environment at CSULB.

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Evans, Elizabeth A. Microcomputers: An interlibrary loan application. Special Libraries, January 1984, 75(1), 17-27. (Available UMI: EJ 293 575)

Description of a microcomputer-based system for local processing of interlibrary loan (ILL) requests developed at Environmental Protection Agency library discusses database management systems, hardware, databases, and command files. References and file samples are appended.

Graham, Judy. My micro chased the blues away. School Library Journal, February 1983, 29(6), 23-26. (Available UMI: EJ 276 804)

Discussion of microcomputer applications in a medium-sized school library highlights planning, computer software functions, circulation processes, reference services, print reports (bibliographies, overdue book notices, circulation analysis), special functions, equipment needs, and funding possibilities.

Hines, Theodore C.; And Others. Putting microcomputers to work in the library: 31 ideas for a start. Classroom Computer News, January-February 1982, 2(3), 44-46.

Using microcomputers in libraries, media centers, and learning resource centers is viewed to be not as difficult as previously thought, due to all the possible levels of involvement. Urges libraries to purchase microcomputers now to get an early start.

Julien, Don; Schauer, Bruce. Microcomputers come to Kings County. Library Journal, June 15, 1983, 108(12), 1214-1216. (Available UMI: EJ 285 617)

Discusses a public library system program that provides free public access to microcomputers, noting justification, objectives, equipment specifications, uses and software, staff training, policies and procedures program implementation, and users. Eight references are listed.

Kusack, James M. Bowers, John S. Public microcomputers in public libraries. Library Journal, November 15, 1982, 107(20), 2137-2141. (Available UMI: EJ 272 951)

Presents results of survey conducted in April 1982 of 100 U.S. public libraries and library systems to gather information on microcomputers for public use. Types of microcomputers, purchase of equipment, level of use and restrictions, training, and problems and benefits are discussed. Nine references are listed.

Skapura, Robert. The overdue writer: A program long overdue. School Library Media Quarterly, Summer 1982, 10(4), 347-350. (Available UMI: EJ 264 808)

Describes the development of a microcomputer program for the storage of library circulation information from a high school library and discusses the functions of the program in generating overdue notices. The process of programming is recounted, some specific programming problems are reviewed, and the advantages of the system are outlined.

Sleeth, Jim; LaRue, James. The ALL-OUT library: A design for computer-powered multidimensional services. American Libraries, October 1983, 14(9), 594-596. (Available UMI: EJ 290 127)

Preliminary description of design of electronic library and home information delivery system highlights potentials of personal computer interface program (applying for service, assuring that users are valid, checking for measures, searching, locating titles) and incorporation of concepts used in other information systems (security check, electronic bulletin boards, online help programs).

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All citations with EJ numbers are journal articles from CIJE and can be obtained from a library, borrowed through interlibrary loan, or ordered through UMI, 300 N. Zeeb Rd., Ann Arbor, MI 48106 ($10.00 per article), if so indicated.

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